

We claim:

1. A computer-implemented method comprising:

sending a first request to create a local queue by an application of a client from a function of the client to a server;

5 upon determining at the server that a user under which the application is running has permission to create local queues, creating the local queue by the server;

otherwise,

sending a second request to create the local queue by the application of the client from the function of the client to a service having permission to create local queues; and,

10 only upon determining by the service that the second request originated locally, calling the server by the service to create the local queue.

2. The method of claim 1, wherein the server uses only user-level security.

3. The method of claim 1, wherein the service, by calling the server to create the local queue only upon determining that the second request originated locally, provides for

15 local-level security.

4. The method of claim 1, wherein the service comprises a transactional message service.

5. The method of claim 1, wherein the function is accessed by the application via an application programming interface (API) of the function.

6. The method of claim 1, wherein the service is running on the client.

7. The method of claim 1, wherein the user by default lacks permission to create local queues.

8. A machine-readable medium having instructions stored thereon for execution by a  
5 client processor to perform a method comprising:

    sending a first request to create a local queue by an application of the client from a  
function of the client to a server;

    upon receiving indication from the server that the first request was denied,

    sending a second request to create the local queue by the application of the client  
10 from the function of the client to a service having permission to create local queues; and,  
    only upon determining by the service that the second request originated locally,  
calling the server by the service to create the local queue.

9. The medium of claim 8, wherein the server uses only user-level security, and the  
service, by calling the server to create the local queue only upon determining that the  
15 second request originated locally, provides for local-level security.

10. The medium of claim 8, wherein the service comprises a transactional message  
service, the function is accessed by the application via an application programming  
interface (API) of the function, and the service is running on the client.

11. The medium of claim 8, wherein the user by default lacks permission to create local queues.

12. A computerized system comprising:

a server having the capability to create local queues; and,

5 a client comprising:

an application program;

a function designed to send a first request to create a local queue by the application program to the server and to receive indication from the server as to whether the first request was denied; and,

10 a service having permission to create local queues and designed to receive a second request to create the local queue by the application from the function, the function sending the second request upon receiving indication from the server that the first request was denied, the service calling the server to create the local queue only upon determining that the second request originated locally.

15 13. The system of claim 12, wherein the client further comprises a computer-readable medium and a processor, such that at least one of the application program, the function, and the service is executed by the processor from the medium.

14. The system of claim 12, wherein the server uses only user-level security, and the service, by calling the server to create the local queue only upon determining that the  
20 second request originated locally, provides for local-level security.

15. The system of claim 12, wherein the service comprises a transactional message service, and the function is accessed by the application via an application programming interface (API) of the function.

16. The system of claim 12, wherein the user by default lacks permission to create local  
5 queues.